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# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/28/2008

Robert A. Maggio, Esq. Advanced Refining Technologies LLC 7500 Grace Drive Columbia, MD 21044 EXAMINER

WOOD, ELIZABETH D

ART UNIT

PAPER NUMBER

1793 DATE MAILED: 02/28/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,551	11/20/2003	Darryl P. Klein	W-9652-01	3546

TITLE OF INVENTION: HYDROCONVERSION CATALYSTS AND METHODS OF MAKING AND USING SAME

1	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
	nonprovisional	NO	\$1440	\$0	\$0	\$1440	05/28/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

## Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

appropriate. All further indicated unless correct maintenance fee notifica	correspondence including ed below or directed oth tions.	ng the Patent, advance on the parties of the Patent, advance on the Patent of the Pate	rders and notification of r a) specifying a new corres	naintenance fees v pondence address	vill be ; and/o	mailed to the current r (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
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Columbia, MD				milities to the est	10 (57	1) 273 2003, on the d	(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTC	RNEY DOCKET NO.	CONFIRMATION NO.
10/719,551	11/20/2003	•	Darryl P. Klein			W-9652-01	3546
TITLE OF INVENTION	N: HYDROCONVERSIO	N CATALYSTS AND M	TETHODS OF MAKING A	AND USING SAM	E		
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nonprovisional	NO	\$1440	\$0	\$0		\$1440	05/28/2008
EXAM	MINER	ART UNIT	CLASS-SUBCLASS				
WOOD, ELI	IZABETH D	1793	502-174000	•			
☐ "Fee Address" ind	oondence address (or Cha B/122) attached. lication (or "Fee Address D2 or more recent) attach	nge of Correspondence	2. For printing on the p (1) the names of up to or agents OR, alternati (2) the name of a singl registered attorney or a 2 registered patent atto listed, no name will be	3 registered pater yely, e firm (having as a gent) and the nam rnevs or agents. If	nt attorn n memb nes of u	per a 2	
PLEASE NOTE: Un	less an assignee is ident th in 37 CFR 3.11. Comp	ified below, no assignee	T a substitute for filing an (B) RESIDENCE: (CITY	atent. If an assign assignment. and STATE OR (	COUNT	TRY)	ocument has been filed for
Please check the appropr	riate assignee category or	categories (will not be pa	rinted on the patent): $\Box$	Individual 🖵 C	orporat	ion or other private gro	oup entity 🔲 Government
4a. The following fee(s)	are submitted:	4	b. Payment of Fee(s): ( <b>Ple</b> a	se first reapply a	ny prev	viously paid issue fee	shown above)
☐ Issue Fee ☐ Publication Fee (N	No small entity discount p	permitted)	☐ A check is enclosed.☐ Payment by credit car	d Form PTO-2038	R is atta	ached	
*	# of Copies		The Director is hereby overpayment, to Depo	authorized to char	rge the	required fee(s), any de	ficiency, or credit any n extra copy of this form).
5. Change in Entity Sta	,	· · · · · · · · · · · · · · · · · · ·	_				
••	ns SMALL ENTITY state		b. Applicant is no lon				FR 1.27(g)(2). The assignee or other party in
interest as shown by the	records of the United Sta	uired) will not be accepte tes Patent and Trademark	of from anyone other than to Office.	ne applicant; a reg	istered	attorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
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Advanced Refining Technologies LLC			ART UNIT	PAPER NUMBER
7500 Grace Drive Columbia, MD 210	)44		1793 DATE MAILED: 02/28/200	8

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability  The MAILING DATE of this communication appears on a All claims being allowable, PROSECUTION ON THE MERITS IS (OR REherewith (or previously mailed), a Notice of Allowance (PTOL-85) or other NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. of the Office or upon petition by the applicant. See 37 CFR 1.313 and MF1. This communication is responsive to the amendment/remarks filed 2. The allowed claim(s) is/are 24-52.  3. Acknowledgment is made of a claim for foreign priority under 35 to a) All b) Some* c) None of the:  1. Certified copies of the priority documents have been recommended. Certified copies of the priority documents have been recommended.	the cover sheet with the MAINS) CLOSED in this a appropriate communication. This application is subject PEP 1308.  1/22/08.  J.S.C. § 119(a)-(d) or (f).	pplication. If not included on will be mailed in due course. <b>THIS</b>
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International Bureau (PCT Rule 17.2(a)).	boom room on in the	
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this control below. Failure to timely comply will result in ABANDONMENT of THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		y complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. No INFORMAL PATENT APPLICATION (PTO-152) which gives reason		
5. CORRECTED DRAWINGS ( as "replacement sheets") must be sub	mitted.	
(a) including changes required by the Notice of Draftsperson's Pat	ent Drawing Review(PTC	D-948) attached
1)  hereto or 2)  to Paper No./Mail Date		
<ul><li>(b) ☐ including changes required by the attached Examiner's Amend Paper No./Mail Date</li></ul>	Iment / Comment or in the	Office action of
Identifying indicia such as the application number (see 37 CFR 1.84(c)) sheach sheet. Replacement sheet(s) should be labeled as such in the heade		
6. DEPOSIT OF and/or INFORMATION about the deposit of BI attached Examiner's comment regarding REQUIREMENT FOR TH		
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Informal	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☑ Interview Summar Paper No./Mail D	ate <u>20080212</u> .
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	7. X Examiner's Amend	
<ol> <li>Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol>	8. 🔼 Examiner's Staten	nent of Reasons for Allowance
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